

COMPONENT LOG CARD

672481

SERIAL NO:

JFTD12A-4A

PART NO:

E Compressor Assy

NOMENCLATURE:

[illegible]

OVERHAUL INTERVAL: 3,000.0 hrs/1,500.0 hrs HSI

RETIREMENT TIMES: See page 3

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[illegible]

ASSOCIATED LIFE LIMITED EQUIPMENT TO MAJOR COMPONENT

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4/1/2024
11:28:10 am

Equipment Life Summary

Equipment ID: JFTD12A-4A-672481

Customer Equipment Number : 4 COMPRESSOR ASSY
Equipment description : 4 COMPRESSOR ASSY
Equipment Type ID : JFTD12A-4A-1
Description :

Equipment serial number : 872481
Item number :
Supplier :
Owner organization code :

Physical location
Allocated organization code
Fixed asset number
Commission date : 10/12/2023

Owner employee
Maintenance policy
Maintenance policy version
Ownership type

Structure position	Equipment Type	Equipment description	UOM	TSNTSO	CSN	DSN	Life limit	Overhaul Limit	Cycle Life Limit	Days Limit	Time Remain	O/H Time Remain	Retire Cycle Remain	Days Remain
0	JFTD12A-4A-672481	4 COMPRESSOR ASSY	CYCLES	0.0	633	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	JFTD12A-4A-672481	4 COMPRESSOR ASSY	DAYS	2,376.2	0	1,437	0.0	0.0	0.0	2,555	0.0	0.0	0.0	1,119
0	JFTD12A-4A-672481	4 COMPRESSOR ASSY	HR	0.0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	JFTD12A-4A-672481	4 COMPRESSOR ASSY	HR	0.0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
01	740001-MEDUJAH3282	HUB-COMPRESSOR RTR	CYCLES	0.0	4,269	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
01	740001-MEDUJAH3282	HUB-COMPRESSOR RTR	HR	8,346.7	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02	670002-MEDUJAH2813	DISK-2ND STAGE	CYCLES	0.0	3,650	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02	670002-MEDUJAH2813	DISK-2ND STAGE	HR	5,364.5	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03	670003-001-MEDUJAH3421	DISK-3RD STAGE	CYCLES	0.0	3,653	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03	670003-001-MEDUJAH3421	DISK-3RD STAGE	HR	5,364.6	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
04	448904-S80603	DISK-4TH STAGE	CYCLES	0.0	4,344	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
04	448904-S80603	DISK-4TH STAGE	HR	5,287.1	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05	797305-877831	DISK-5TH STAGE	CYCLES	0.0	6,057	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05	797305-877831	DISK-5TH STAGE	HR	7,363.1	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	797706-MEDUJAH3508	DISK-6TH STAGE	CYCLES	0.0	3,218	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	797706-MEDUJAH3508	DISK-6TH STAGE	HR	5,376.0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	448907-G12561	DISK-7TH STAGE	CYCLES	0.0	5,537	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	448907-G12561	DISK-7TH STAGE	HR	7,300.6	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	803108-471111	DISK-8TH STAGE	CYCLES	0.0	5,564	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	803108-471111	DISK-8TH STAGE	HR	6,666.0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	797309-MEDUJAH2817	DISK-9TH STAGE	CYCLES	0.0	3,380	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	797309-MEDUJAH2817	DISK-9TH STAGE	HR	5,310.4	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	408601-2V6172	DISK-1ST STAGE N1 ROTOR	CYCLES	0.0	5,032	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	408601-2V6172	DISK-1ST STAGE N1 ROTOR	HR	7,229.0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	420102-001-976277	DISK-2ND STAGE N1 ROTOR	CYCLES	0.0	1,459	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	420102-001-976277	DISK-2ND STAGE N1 ROTOR	HR	3,316.9	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICE BULLETINS COMPRESSOR

P&W JFTD12A-4A/-5A

P/N: JFTD12A-4A

S/N: 672 481

T.T.: 14935.5

T.S.O.: 2376 2

W/O: 187472

Notes:

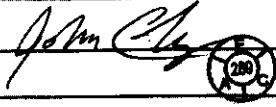
1. New original copy must be completed during overhaul.
2. A previous completed SB sheet is acceptable on scheduled maintenance or repair work orders. It must be reviewed and updated if an additional SB has been accomplished since last overhaul.

DATE: 3/19/24

ATA: 72-00

SERVICE BULLETIN	TITLE	MANDATORY	NON-MANDATORY
		Compliance to be accomplished or verified before any assembly is put into service	To be accomplished during overhaul of assembly
COMPRESSOR SECTION			
884 Rev. 2	Locks, compressor blade - replacement of (4 th through 9 th stages only).	PCW	
1508 Rev. 23	Operating time between overhauls and frequency of combustion area inspections. Overhaul Limit: 3000 hrs (-4) (-5).	PCW	
EAC-Q-98-196. Rev. B 1508 Rev. 23	Operating time between overhauls and frequency of combustion area inspections. Hot Section Inspection (HSI) Limit: 1500 hrs (-4).	C/W	
1508 Rev. 23	Operating time between overhauls and frequency of combustion area inspections. Mini-Overhaul Inspection Limit: 1500 hrs (-5).	NOT A -5 N/A q	
1508 Rev. 23	Operating time between overhauls and frequency of combustion area inspections. Corrosion Inspection Limit: 7 calendar years (-4 and -5). NOTE: Time is accrued as installed, not time spent in storage.	PCW	
2091 Rev. 1	Case assembly, compressor inlet - rework of bleed valve guide opening.		PCW
2228 Rev. IR	Exciter mount nuts, self-aligning, diffuser case assembly - incorporation of.		PCW
2281 Rev. 1	Nut, nose cone attaching, lockwire type - incorporation of.	PCW	
2704 Rev. 7	Engine - Hub, compressor front - incorporate 3 each bolt holes and 3 each rivet holes.	PCW	
4110 Rev. IR	Engine - Plug, compressor front - incorporation of.	PCW	
2564 Rev. 4	Disks, compressor, second and third stage - rework of, tierods, and nuts - replacement of.	PCW	

MECHANIC



DATE

3-19-24

INSPECTOR

DATE

3/28/24

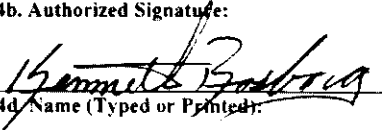
Foot Notes:

1. P/CW - This entry indicates that the S/B was visually verified to be complied with on a previous repair or overhaul.
2. C/W - This entry indicates that the S/B was performed on this compressor at the total time and date noted above on the work order indicated on top of Page 1 of 2.
3. N/A - This entry indicates that the S/B does not apply to this compressor (reason to be stated).

SERVICE BULLETIN	TITLE	MANDATORY	NON-MANDATORY
		Compliance to be accomplished or verified before any assembly is put into service	To be accomplished during overhaul of assembly
2698 Rev. 5	Case assembly, compressor inlet - rework of	PCW	
4434 Rev. 4	Tierods and nuts, compressor, second to third stage - replacement of	PCW	
5041 Rev. 1	Bracket, fuel pressurizing and dump valve vibration damping - incorporation of	PCW	
5153 Rev. 1	Stator assembly, 9th stage and exit compressor - rework to reduce length	PCW	
A5856 Rev. 3	Inspection of engine rotor, compressor hubs, disks, spacers and airseals	PCW	
6135 Rev. IR	Stage 5, 6, 8, and 9 disk, the adjacent spacers and the rear compressor hub - replace with sarmatel coated ones to improve corrosion life		PCW
6211 Rev. 1	Sarmatel coat diffuser case and stator assembly.		PCW
6387 Rev. 1	3rd stage compressor blade - modification of blade lock (tab lock) - replacement of 1. Note: To be accomplished during overhaul, mil-con, disk inspection and repairs when 3rd stage disk has been debladed. 2. Note: Do not mix the different tab locks in same disk - EAC mandate	PCW	
6411 Rev. IR	Steel spacers 4-5, 5-6, 6-7, 7-8, 8-9 Shot peening of tie bolt and lightening holes.		PCW
6414 Rev. IR	Titanium spacers (2nd - 3rd and 3rd - 4th stages) - Shot peening of tie rod and lightening holes.		PCW
6441 Rev. IR	3rd stage compressor disk tie rod hole butterfly polish and shotpeen.	PCW	
6480 Rev. IR	Rivet, 9th stage airsealing ring, diffuser case, and stator assembly - replacement with Hastelloy X rivet (accomplishment instructions 1.A. only).	PCW	
6501 Rev. IR	4th and 5th stage compressor blade - modification of blade lock (tab lock) - replacement of. 1. Note: To be accomplished during overhaul, mil-con, disk inspection and repairs when 4th and/or 5th stage disk has been debladed. 2. Note: Do not mix the different tab locks in same disk - EAC mandate.	NOT USED @ THIS TIME N/A gk	
COMBUSTION SECTION (N1)			
2114 Rev. 1	Seal, 1st stage turbine air - rework of.		PCW
2505 Rev. 1	Bearing, no. 3 turbine roller - replacement of.		PCW
3409 Rev. 9	Manifold and nozzle assembly, fuel - rework of.	PCW	
4414 Rev. 3	Combustion chamber assembly - rework of.	PCW	
4418 Rev. 3	Chamber assemblies, combustion - rework of.	PCW	
6091 Rev. 3	Combustion chamber assemblies, combustion chamber duct and clamp assemblies - revised cooling air flow patterns.	PCW	
6276 Rev. 1	Turbine shaft - sarmatel coat.		PCW

SERVICE BULLETIN	TITLE	MANDATORY	NON-MANDATORY
		Compliance to be accomplished or verified before any assembly is put into service	To be accomplished during overhaul of assembly
6444 Rev. IR	Outer combustion case, aluminide coating.		Paw
A6500 Rev. 1	Blade 2 nd stage turbine - inspection of.	clw	
ACCESSORY GEARBOX SECTION			
2058 Rev. 2	Main oil pump - incorporate plate with vent hole.	Paw	
2349 Rev. 1	Valve, pressure relief, accessory gearbox oil strainer element - replacement of.		Paw
2363 Rev. 3	Engine fuel and control - fuel heater assembly - incorporation of a bushing in the fuel heater housing mounting lug.	Paw	
3186 Rev. IR	Strainer cover, accessory gearbox - replacement of.		Paw
4779 Rev. 1	Valve assembly, oil pressure relief - rework of.	Paw	
EAC-Q-06-451 (6486, Rev. IR)	Fuel heater transfer tube bolt, position	Paw	
EAC-Q-06-471, Rev. B (6490, Rev. 1)	Fuel pump assembly, P/N consolidation (verify P/N 50466A2 on data plate).	Paw	

INSTALLED N194AC 22 JUL 24
ACTT 20142-2

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 189472-1	
4. Organization Name and Address: Erickson Air-Crane 3100 Willow Springs Road PO Box 3247 Central Point, OR 97502				5. Work Order/Contract/Invoice Number: 189472		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	(-4) Compressor Assembly	JFTD12A-4A	1	672481	Inspected	
12. Remarks: Inspected, HSI C/W Ref. SRI EAC-Q-196 Rev. B Dated 26/Feb/2020 and Erickson O/H/M P/N 435108 Rev. 77, Dated 15/Nov/2019. Tested Ref. # RS-038 Rev 5 Dated 29/Jul/2022 SB 6387 P/C/W Remove assembly at 3000.0 TSO for Overhaul. See AD and SB sheets. N1 2nd Stage Blades set installed were inspected and repaired for continuous use. TSO is 585.0 Blade set was previously installed on an logging ACFT, "ASB A6500 does apply". T.T. 14935.5, TSO 2376.2 A complete description of work performed is on file at the above referenced organization under the work order and system tracking reference number indicated in blocks 3 and 5 NOTICE: An Airworthiness Directive may apply to the article(s) described hereon. The installer is responsible for ensuring complete compliance with any applicable Airworthiness Directives. *Certifies that the work specified in blocks 11/12 was carried out in accordance with EASA Part-145 and in respect to that work, the component is considered ready for release to service under EASA Part-145 Approval Number EASA.145.5108.*						
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data specified in Block 12.			14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:	14b. Authorized Signature:		14c. Approval/Certificate No.:	
					JYDR439F	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
			Kenneth Rosburg		01 Apr 2024	
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

Erickson Incorporated

Aircraft Maintenance Logbook

Parts Removed / Installed

'Part Number	'Nomenclature	'S/N	'T.S.N.	'T.S.O.	'Off/On	'A/C.T.T.
M3 28028-1	CAT THERMOMETER	00939C	UNK	UNK	ON	20142.2
M3 28028-1	CAT THERMOMETER	3083	UNK	UNK	OFF	20142.2
65161-00001-044	TAIL ROTOR BLADE	64V-1857-1748	42393-3		ON	20142.2
65161-00001-043	TAIL ROTOR BLADE	64V-2033-2006	44969-4		OFF	20142.2
JFTD 12A-4A	COMP ASSY	672481	14935-5	2376-2	ON	20142.2
JFTD 12A-4A	COMP ASSY	672509	12743-1	2980-2	OFF	20142.2

Maintenance Actions

Maintenance Actions					
"No.	"Aircraft Discrepancies	"Initials	"No.	"Action Taken	"Initials
1	OAT GAUGE IS FUSED AND HARD TO READ PLS REPLACEMENT	JX	1	REPLACED OAT GAUGE BY PERMANENT MOUNT MT/SURVE. INSTALLED IN RELODGER. OAT CALIBRATION WAS PERFORMED ON AML DATED 25 MAR 2024	RF
2	YELLOW TAIL ROTOR BLADE DUE CHANGE FOR LIFE LIMIT	ALL	2	YELLOW TRS REPLACED REF MM 64-10-1 PARA 400A-400B1-83	ALL
3	TAIL ROTOR BAL RES FOR TRS INSTALL LINE 2 ABOVE	ALL	3	TAIL ROTOR BALANCE % TO 0.1518 REF MM 64-10-1 PARA 500A SECT 1-4	ALL
4	#2 COMP ASSY DUE OVERHAUL	ALL	4	#2 COMP ASSY REPLACED. REF MM 64-10-1 PARA 400A-400B GRD RONS % REF TABLE 601 IDLE SPEED A3-S PARA 200A-200B BLEED BAND CHECK MM 72-00-02 PARA 200C 1-3 PART PWR CHK MM 72-00-03 PARA 200 A1-A7 VIBE CHK % MM 72-00-01 PARA 600 B1-D18 ALL REMAINING WITHIN LIMITS SEE ATTACHED SHEET	ALL

[illegible]

Aircraft Daily Totals / Inspection Schedule "Page 1 of 2

"A/C Model	"N-Number	"A/C S/N	"L Engine S/N	"R Engine S/N	"Location Name	"Date
SL4E	N144AC	64017	672509	672467	KLEFSINA, GREECE	22 July 2014
Total Time	Aircraft	Cycles	"Parts Due Off <200 Hrs		"Due @ A/C T.T.	
Ltr Off	20142.2	13594	No.1 COMPRESSOR		20162.0	
Today	/	/	YOLAW TRB		20172.8	
Shut Down	20142.2	13594	FIA SLOW		20250.0	
			No.1 FM		20338.7	
The aircraft and/or component handled above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.			"Next Phase Due: 20158.1		"Phase # 56	
			Aircraft has been pre-flight checked and/or test flown and is returned to service.			
Mechanic Signature			Signature of A/DRA/SW		Signature and Certificate No.	

ERICKSON AIR-CRANE

COMPONENT LOG CARD

NOMENCLATURE: **E Compressor Assy**

PART NO: **JFTD12A-4A**

SERIAL NO: **676467**

[illegible]

OVERHAUL INTERVAL: 3,000.0 hrs/1,500.0 hrs HSI

RETIREMENT TIMES: See page 3

ERICKSON AIR-CRANE

ASSOCIATED LIFE LIMITED EQUIPMENT TO MAJOR COMPONENT

[illegible]

Component Life Summary

Equipment Id: JFTD12A-4A-676467

Customer Equipment Number :
Equipment description : 4 COMPRESSOR ASSY
Equipment Type ID : JFTD12A-4A-1
Description :

Equipment serial number : 876467
Item number : JFTD12A-4A
Supplier :
Owner organization code :

Physical location :
Allocated organization code :
Fixed asset number :
Commission date : 6/30/2024

Owner employee :
Maintenance policy :
Maintenance policy version :
Ownership type : Stock

Structure position	Equipment Type	Equipment description	UOM	TSN/TSO	CSN	DSN	Life limit	Overhaul Limit	Cycle Life Limit	Days Limit	Retire Time Remain	O/H Time Remain	Retire Cycle Remain	Days Remain
0	JFTD12A-4A-676467	4 COMPRESSOR ASSY	CYCLES	0.0	1,342	0	0.0	0.0	0	0	0.0	0.0	0	0
0	JFTD12A-4A-676467	4 COMPRESSOR ASSY	DAYS	0.0	0	2,194	0.0	0.0	0	2,747	0.0	0.0	0	563
0	JFTD12A-4A-676467	4 COMPRESSOR ASSY	HR	2,239.6	0	0	0.0	3,000.0	0	0	0.0	760.4	0	0
0	JFTD12A-4A-676467	4 COMPRESSOR ASSY	HSI	745.8	0	0	0.0	1,500.0	0	0	0.0	754.2	0	0
01	748001-MBDUAH2833	HUB-COMPRESSOR RTR	CYCLES	0.0	2,995	0	0.0	0.0	10,000	0	0.0	0.0	7,005	0
01	748001-MBDUAH2833	HUB-COMPRESSOR RTR	HR	5,066.8	0	0	8,000.0	0.0	0	0	2,933.2	0.0	0	0
02	670802-MBDUAH2797	DISK- 2ND STAGE	CYCLES	0.0	3,095	0	0.0	0.0	8,000	0	0.0	0.0	4,905	0
02	670802-MBDUAH2797	DISK- 2ND STAGE	HR	5,233.6	0	0	8,000.0	0.0	0	0	2,766.4	0.0	0	0
03	670403-001-MBDUAH3122	DISK- 3RD STAGE	CYCLES	0.0	3,095	0	0.0	0.0	8,000	0	0.0	0.0	4,905	0
03	670403-001-MBDUAH3122	DISK- 3RD STAGE	HR	5,233.6	0	0	8,000.0	0.0	0	0	2,766.4	0.0	0	0
04	448804-3U1127	DISK- 4TH STAGE	CYCLES	0.0	4,836	0	0.0	0.0	12,000	0	0.0	0.0	7,164	0
04	448804-3U1127	DISK- 4TH STAGE	HR	6,974.6	0	0	8,000.0	0.0	0	0	1,025.4	0.0	0	0
05	797305-M106AA0200	DISK- 5TH STAGE	CYCLES	0.0	3,925	0	0.0	0.0	8,000	0	0.0	0.0	4,075	0
05	797305-M106AA0200	DISK- 5TH STAGE	HR	6,734.7	0	0	8,000.0	0.0	0	0	1,265.3	0.0	0	0
06	797706-MBDUAH2982	DISK- 6TH STAGE	CYCLES	0.0	2,944	0	0.0	0.0	8,000	0	0.0	0.0	5,056	0
06	797706-MBDUAH2982	DISK- 6TH STAGE	HR	5,225.3	0	0	8,000.0	0.0	0	0	2,774.7	0.0	0	0
07	448807-7V7968	DISK- 7TH STAGE	CYCLES	0.0	4,792	0	0.0	0.0	10,000	0	0.0	0.0	5,208	0
07	448807-7V7968	DISK- 7TH STAGE	HR	6,930.6	0	0	8,000.0	0.0	0	0	1,069.4	0.0	0	0
08	803108-MBDUAH3504	DISK- 8TH STAGE	CYCLES	0.0	2,539	0	0.0	0.0	8,000	0	0.0	0.0	5,461	0
08	803108-MBDUAH3504	DISK- 8TH STAGE	HR	3,133.2	0	0	8,000.0	0.0	0	0	4,866.8	0.0	0	0
09	797309-MBDUAH2920	DISK- 9TH STAGE	CYCLES	0.0	2,223	0	0.0	0.0	8,000	0	0.0	0.0	5,777	0
09	797309-MBDUAH2920	DISK- 9TH STAGE	HR	3,120.5	0	0	8,000.0	0.0	0	0	4,879.5	0.0	0	0
11	405801-5S5251	DISK- 1ST STAGE N1 ROTOR	CYCLES	0.0	5,112	0	0.0	0.0	8,000	0	0.0	0.0	2,888	0
11	405801-5S5251	DISK- 1ST STAGE N1 ROTOR	HR	7,280.6	0	0	8,000.0	0.0	0	0	748.4	0.0	0	0
13	420102-001-L81563	DISK- 2ND STAGE N1 ROTOR	CYCLES	0.0	1,502	0	0.0	0.0	8,000	0	0.0	0.0	6,498	0
13	420102-001-L81563	DISK- 2ND STAGE N1 ROTOR	HR	2,617.6	0	0	8,000.0	0.0	0	0	5,482.6	0.0	0	0

COMPONENT MAINTENANCE RECORD

[illegible]

PROPRIETARY INFORMATION

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